

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("re36056").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 11:30
L3	267	(RF\$1 or AM\$1 or FM\$1 or radio\$1 or FSK\$1 or ASK\$1) and analyz\$3 same demodulat\$3 and synthesiz\$3 same (modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 10:54
L4	105	serial\$3 same (transmit\$3) and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 10:35
L5	132	(RF\$1 or AM\$1 or FM\$1 or radio\$1 or FSK\$1 or ASK\$1 or "455"/\$.ccls. or "370"/\$.ccls. or "375"/\$.ccls.) and analyz\$3 same demodulat\$3 and synthesiz\$3 same (modulat\$3) and serial\$3 same (transmit\$3 or transmission\$1 or receiv\$3 or demodulat\$3 or analyz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 11:06
L6	0	(RF\$1 or AM\$1 or FM\$1 or radio\$1 or FSK\$1 or ASK\$1 ) and analyz\$3 same demodulat\$3 and synthesiz\$3 same (modulat\$3) and serial\$3 same (transmit\$3 or transmission\$1 or receiv\$3 or demodulat\$3 or analyz\$3)	EPO; JPO	OR	OFF	2007/01/05 11:06
L7	1	analyz\$3 same demodulat\$3 and synthesiz\$3 same (modulat\$3) and serial\$3 same (transmit\$3 or transmission\$1 or receiv\$3 or demodulat\$3 or analyz\$3)	EPO; JPO	OR	OFF	2007/01/05 11:09
L8	17	"455"/\$.ccls. and analyz\$3 same demodulat\$3 and synthesiz\$3 same (modulat\$3) and serial\$3 same (transmit\$3 or transmission\$1 or receiv\$3 or demodulat\$3 or analyz\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 11:37

## EAST Search History

L11	4	("4,435,824").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 11:31
L12	2	("5,237,324,").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 11:31
L13	230	("370"/\$.ccls. or "375"/\$.ccls.) and analyz\$3 same (process\$3 or demodulat\$3) and synthesiz\$3 same (modulat\$3 or transmit\$3 or transmission\$1) and serial\$3 same (transmit\$3 or transmission\$1 or receiv\$3 or demodulat\$3 or analyz\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 12:22
L14	135	("370"/\$.ccls. or "375"/\$.ccls.) and analyz\$3 same (process\$3 or demodulat\$3) and synthesiz\$3 same (modulat\$3 or transmit\$3 or transmission\$1) and serial\$3 adj5 (data\$1 or bit\$1 or signal\$1 or information\$1) same (transmit\$3 or transmission\$1 or receiv\$3 or demodulat\$3 or analyz\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 13:44
L15	248	("370"/\$.ccls. or "375"/\$.ccls.) and analyz\$3 same (process\$3 or demodulat\$3 or receiv\$3) and synthesiz\$3 same (modulat\$3 or transmit\$3 or transmission\$1) and serial\$3 adj5 (data\$1 or bit\$1 or signal\$1 or information\$1) same (transmit\$3 or transmission\$1 or receiv\$3 or demodulat\$3 or analyz\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 13:45
L16	314	("370"/\$.ccls. or "375"/\$.ccls. or "455"/\$.ccls.) and analyz\$3 same (process\$3 or demodulat\$3 or receiv\$3) and synthesiz\$3 same (modulat\$3 or transmit\$3 or transmission\$1) and serial\$3 adj5 (data\$1 or bit\$1 or signal\$1 or information\$1) same (transmit\$3 or transmission\$1 or receiv\$3 or demodulat\$3 or analyz\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:03

## EAST Search History

L17	106	"455"/\$.ccls. and analyzer\$1 same (receiv\$3) and (serial\$1) same (transmission\$1 or transmit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 15:50
L18	2	("4989204").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 15:43
L19	6	"455"/\$.ccls. and analyzer\$1 same (receiv\$3) and (serial\$1) same (transmission\$1 or transmit\$3) same (synthesiz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 15:52
L20	7	"375"/\$.ccls. and analyzer\$1 same (receiv\$3) and (serial\$1) same (transmission\$1 or transmit\$3) same (synthesiz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 15:54
L21	7	"370"/\$.ccls. and analyzer\$1 same (receiv\$3) and (serial\$1) same (transmission\$1 or transmit\$3) same (synthesiz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 15:57
L22	19	("370"/\$.ccls. or "455"/\$.ccls. or "375"/\$.ccls.) and analyzer\$1 same (receiv\$3 or demodulat\$3 or decod\$3) and (serial\$1) same (transmission\$1 or transmit\$3) same (synthesiz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 16:01
L23	53	("4718081"   "4807224"   "4829554"   "4864564"   "4864576").PN. OR ("4989204").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 16:01
L24	66	("370"/\$.ccls. or "455"/\$.ccls. or "375"/\$.ccls.) and analyz\$3 same (receiv\$3 or demodulat\$3 or decod\$3) and (serial\$1) same (transmission\$1 or transmit\$3) same (synthesiz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 16:45
L25	38	("4468813"   "4616110"   "4677657"   "4731811"   "4803717"   "4821311").PN. OR ("5058150").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 16:34

## EAST Search History

L30	148	analyz\$3 same (receiv\$3 or demodulat\$3 or decod\$3) and (serial\$1) same (transmission\$1 or transmit\$3) same (synthesiz\$3) and (RF\$1 or AM\$1 or FM\$1 or radio\$1 or phone\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 16:46
S1	860	(integrated\$1) same (chip\$1 or circuit\$1 or board or substrate\$1) and (transmit\$1) same (receiv\$3 or transceiv\$3) and antenna and demodulator\$1 and modulator\$1 and synthesizer\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 15:39
S2	33	S1 and analyzer\$1 and amplitude\$1 same frequency\$1 same modulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 10:31
S3	2341	455/550.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 17:59
S4	962	455/333.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 18:00
S5	623	455/334.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 18:00
S6	1221	455/73.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 18:00
S7	1196	455/91.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 18:00

## EAST Search History

S8	623	455/334.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 18:00
S9	558	455/108.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 18:00
S10	397	455/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 18:00
S11	862	(integrated\$1) same (chip\$1 or circuit\$1 or board or substrate\$1) and (transmit\$1) same (receiv\$3 or transceiv\$3) and antenna and demodulator\$1 and modulator\$1 and synthesizer\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:16
S12	137	S11 and analyz\$3 and amplitude\$1 same frequency\$1 same modulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:14
S13	30	(integrated\$1) same (chip\$1 or circuit\$1 or board or substrate\$1 or IC) and (transmit\$1) same (receiv\$3 or transceiv\$3) and antenna\$1 and modulator\$1 same synthesizer\$1 and analyz\$3 same (demodulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:20
S14	14	(integrated\$1) same (chip\$1 or circuit\$1 or board or substrate\$1 or IC) and (transmit\$1) and (receiv\$3 or transceiv\$3) and antenna\$1 and modulator\$1 same synthesizer\$1 and analyz\$3 same (demodulat\$3) and (amplitude\$1) same (frequenc\$3) same (modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:26

## EAST Search History

S15	18	(integrated\$1) same (chip\$1 or circuit\$1 or board or substrate\$1 or IC) and (receiv\$3 or transceiv\$3) and modulator\$1 same synthesizer\$1 and analyz\$3 same (demodulat\$3) and (amplitude\$1) same (frequenc\$3) same (modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:34
S16	10	(integrated\$1) same (chip\$1 or circuit\$1 or board or substrate\$1 or IC) same (receiv\$3 or transceiv\$3) and (chip\$1 or circuit\$1 or board or substrate\$1 or IC)same (transmit\$3) and modulator\$1 same synthesizer\$1 and analyz\$3 same (demodulat\$3) and (amplitude\$1) same (frequenc\$3) same (modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:33
S17	326	(integrated\$1) same (chip\$1 or circuit\$1 or board or substrate\$1 or IC) and 455/73.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:37
S18	3	S17 and analyzer\$1 and amplitude\$1 same frequency\$1 same modulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:35
S19	558	455/108.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:35
S20	2	S19 and analyzer\$1 and amplitude\$1 same frequency\$1 same modulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:36
S21	1634	receiv\$3 same (chip\$1) and (transmit\$3) near10 (chip\$1) and modulat\$3 and demodulat\$3 and antenna\$1 and integrated\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:46

## EAST Search History

S22	59	amplitude same (frequency\$1) same (modulat\$3) and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:51
S23	5	receiv\$3 same (chip\$1) and (transmit\$3) near10 (chip\$1) and modulat\$3 and demodulat\$3 and antenna\$1 and integrated\$1 and AM\$1 same FM\$1 and analyz\$3 same demodulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 13:41
S24	11	S22 and serial\$1 same transmit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:58
S25	2	("20040087279").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:59
S26	2	("20050130698").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 11:10
S27	5	receiv\$3 near10 (chip\$1) and (transmit\$3) near10 (chip\$1) and modulat\$3 and demodulat\$3 and antenna\$1 and integrated\$1 and AM\$1 same FM\$1 and analyz\$3 same demodulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 13:47
S28	17	receiv\$3 same (chip\$1) and (transmit\$3) same (chip\$1) and modulat\$3 and demodulat\$3 and antenna\$1 and integrated\$1 and AM\$1 same FM\$1 and analyz\$3 same demodulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 13:49
S29	13	receiv\$3 same (chip\$1 or circuit\$1) and (transmit\$3) same (chip\$1 or circuit\$1) same (integrated\$1) and modulat\$3 and demodulat\$3 and antenna\$1 and integrated\$1 and AM\$1 same FM\$1 and analyz\$3 same demodulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 13:51

## EAST Search History

S30	16	(first\$1 or receiv\$3) same (chip\$1 or circuit\$1) and (second\$1 or transmit\$3) same (chip\$1 or circuit\$1) same (integrated\$1) and modulat\$3 and demodulat\$3 and antenna\$1 and integrated\$1 and AM\$1 same FM\$1 and analyz\$3 same demodulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 14:11
S31	16	(first\$1 or receiv\$3) and (second\$1 or transmit\$3) same (chip\$1 or circuit\$1) same (integrated\$1) and modulat\$3 and demodulat\$3 and antenna\$1 and integrated\$1 and AM\$1 same FM\$1 and analyz\$3 same demodulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 14:26
S32	544	(first\$1 or receiv\$3) and (second\$1 or transmit\$3) same (chip\$1 or circuit\$1) same (integrated\$1) and modulat\$3 and demodulat\$3 and antenna\$1 and integrated\$1 and AM\$1 same FM\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 14:27
S33	25	S32 and analyz\$3 same (demodulat\$3 or decod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 14:28
S34	314	transmit\$3 same receiv\$3 and analyz\$3 same (demodulat\$3 or decod\$3) and AM\$1 same FM\$1 and integrat\$3 same (circuit\$1 or chip\$1 or board\$1 or device\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 14:43
S35	258	transmit\$3 same receiv\$3 and analyz\$3 same (demodulat\$3 or decod\$3) and AM\$1 same FM\$1 and integrat\$3 same (circuit\$1 or chip\$1 or board\$1 or device\$1) and (RF\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 17:03
S36	63	(transceiv\$3 or transmit\$3) same receiv\$3 and analyz\$3 same (demodulat\$3 or decod\$3) and AM\$1 same FM\$1 and integrat\$3 same (circuit\$1 or chip\$1 or board\$1 or device\$1) and "455"/\$. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 17:08

## EAST Search History

S37	1262	AM\$1 same FM\$1 and integrat\$3 same (circuit\$1 or chip\$1 or board\$1 or device\$1) and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 17:14
S38	21	S37 and 455/73.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 17:10
S39	30	S37 and 455/142.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 17:10
S40	13	AM\$1 same FM\$1 and integrat\$3 same (circuit\$1 or chip\$1 or board\$1 or device\$1) and "455"/\$.ccls.	EPO; JPO	OR	OFF	2006/12/28 17:13
S41	418	AM\$1 same FM\$1 same (modulat\$3) and integrat\$3 same (circuit\$1 or chip\$1 or board\$1 or device\$1) and "455"/\$.ccls. and (transmit\$3 or transceiver\$1) and (receiv\$3) and (demodulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 17:36
S42	210	encoding same (PWM\$1 or PPM\$1 or Manchester\$1) and header\$1 and RF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 18:08
S43	2	encoding same (PWM\$1 or PPM\$1 or Manchester\$1) same header\$1 same (trailer\$1 or end\$1) and RF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 18:09
S44	36	encoding same (PWM\$1 or PPM\$1 or Manchester\$1) same header\$1 and RF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 18:14

## EAST Search History

S45	6	encoding same (PWM\$1 or PPM\$1 or Manchester\$1) same header\$1 same (tail\$1 or trail\$3 or error\$1) and RF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 18:27
S46	9	encoding same (PWM\$1 or PPM\$1 or Manchester\$1 or ASK\$1 or FSK\$1) same header\$1 same (tail\$1 or trail\$3 or error\$1) and RF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 18:27
S47	482	packet\$1 same (header\$1) same (transmission\$1) and (RF\$1) and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:46
S48	40	S47 and integrated\$1 near10 chip\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 17:11
S49	209	(AM\$1 or FM or ASK\$1 or FSK\$1) same (serial\$1) same format\$1 and RF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 17:14
S50	22	(AM\$1 or FM or ASK\$1 or FSK\$1) same (serial\$1) near10 format\$1 and RF and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 17:16
S51	38	("4468813"   "4616110"   "4677657"   "4731811"   "4803717"   "4821311").PN. OR ("5058150").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/04 19:00
S52	28	(analyz\$3) near10 (demodulat\$3) same (receiv\$3) and (synthesiz\$3) near10 (transmit\$3) and RF\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/04 19:09
S53	58	(analyz\$3) near20 (demodulat\$3) same (receiv\$3) and (synthesiz\$3) same (transmit\$3) and RF\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 19:15

## EAST Search History

S54	23	(analyz\$3) near20 (demodulat\$3) same (receiv\$3) and (synthesiz\$3) same (transmit\$3) and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 10:26
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